

Title (en)  
A NETWORK SWITCH

Title (de)  
NETZVERMITTLUNG

Title (fr)  
COMMUTATEUR DE RESEAU

Publication  
**EP 0775346 A4 19990922 (EN)**

Application  
**EP 95930157 A 19950811**

Priority  
• IL 11065794 A 19940814  
• US 9510256 W 19950811

Abstract (en)  
[origin: WO9605558A1] A network switch (19) having minimal latency is provided, which includes a storage buffer (26), fixed delay input means (36, 23, 24) for transferring input data from a plurality of input channels (10) to the storage buffer and fixed delay output means (38, 25, 24) for transferring output data from the storage buffer to a plurality of output channels (10). The switch (19) also has means for associating, within the storage buffer (26), input data from one input channel with at least one output channel thereby converting the input data to output data. The network switch is connectable to a plurality of channels, each of which operates as an input and an output channel.

IPC 1-7  
**G06F 13/12**; **G06F 13/14**

IPC 8 full level  
**G06F 13/38** (2006.01)

CPC (source: EP)  
**G06F 13/385** (2013.01)

Citation (search report)  
• [XAY] US 5168492 A 19921201 - BESHAI MAGED E [CA], et al  
• [YA] EP 0312628 A1 19890426 - IBM [US]  
• [A] FR 2603437 A1 19880304 - NIPPON TELEGRAPH & TELEPHONE [JP]  
• See references of WO 9605558A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9605558 A1 19960222**; AU 3363995 A 19960307; EP 0775346 A1 19970528; EP 0775346 A4 19990922; IL 110657 A0 19941111;  
IL 110657 A 19970713

DOCDB simple family (application)  
**US 9510256 W 19950811**; AU 3363995 A 19950811; EP 95930157 A 19950811; IL 11065794 A 19940814